

## ABSTRACT

Apparatus for generating pseudo-noise codes adapted for advancing or retarding 1 pseudo-noise chip generated therefrom within one clock in a radio communication network based on the code division multiple access(CDMA), including the apparatus a control unit for outputting a control signal for the normal state or a PN chip advance;

a plurality of MUXs for outputting an output value of the next state for normal operation or an output value of a PN chip advance as an output signal in response to the control signal of said control unit;

a plurality of shift registers connected for outputting PN chip codes of the next or the second next state during one system clock time period in response to said MUXs, the input end of each of said shift registers being connected to the output end of each of said MUXs.